

Title (en)  
SPECTRAL IMAGING

Title (de)  
SPEKTRALE BILDGEBUNG

Title (fr)  
IMAGERIE SPECTRALE

Publication  
**EP 2410920 A1 20120201 (EN)**

Application  
**EP 10708382 A 20100218**

Priority  
• IB 2010050729 W 20100218  
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Abstract (en)  
[origin: WO2010109355A1] A detector array (110) of an imaging system (100) includes a radiation sensitive detector (114, 116) that detects radiation and generates a signal indicative thereof. A current-to-frequency (I/F) converter (202) converts the signal to a pulse train having a frequency indicative of the signal for an integration period. Circuitry (120) generates a first moment and at least one higher order moment based on the pulse train.

IPC 8 full level  
**A61B 6/03** (2006.01); **G06T 11/00** (2006.01)

CPC (source: EP US)  
**A61B 6/032** (2013.01 - EP US); **A61B 6/4208** (2013.01 - EP US); **A61B 6/482** (2013.01 - EP US); **G01T 1/20** (2013.01 - EP US);  
**A61B 6/4014** (2013.01 - EP US); **A61B 6/4042** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010109355A1

Citation (examination)  
• WIKIPEDIA: "Moment", 23 March 2009 (2009-03-23), XP055354231, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=Special:Book&bookcmd=download&collection\_id=daa4346450b29bc4a072160e62ddcd37ced8318e&writer=rdfl2latex&return\_to=Moment+(mathematics)> [retrieved on 20170313]  
• WIKIPEDIA: "Central moment", 25 February 2009 (2009-02-25), XP055354228, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=Special:Book&bookcmd=download&collection\_id=114b4b754cb6dfaaa85c66f9a517f264cd256afe&writer=rdfl2latex&return\_to=Central+moment> [retrieved on 20170313]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
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JP 2012521249 A 20120913; JP 5595478 B2 20140924; RU 2011143148 A 20130510; US 2012001084 A1 20120105; US 8653471 B2 20140218

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